

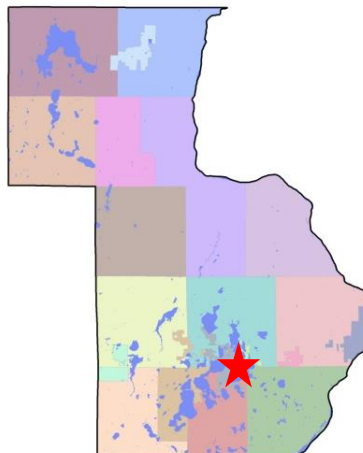
FURGALA/LABERNIK RAIN GARDEN

WATER QUALITY PROJECT

A new rain garden was installed on private property along Grand Avenue in Center City. The runoff water from the road originally drained off into a low spot that was on the adjoining properties of Mr. Furgala and the Laberniks. When the low spot filled up, the water would run between the houses and over the hillside to the lake. In order to allow the water to soak into the ground and be filtered before it reached South Center Lake, a rain garden was installed in the low spot.

To help increase infiltration, soil was removed and replaced with sandy soil. An underdrain was installed with a valve that allows the SWCD staff to adjust the amount of water that can leave through the pipe. This helps maximize infiltration without having water sitting in the garden too long.

The garden was planted at the end of October in 2014.



Partners:

- Chisago Soil & Water Conservation District
- Landowners
- Chisago Lakes Lake Improvement District

Pollution Reduction:

- Total Suspended Solids (TSS): 150 lb/yr
- Total Phosphorus (TP): 0.41 lb/yr
- Volume: 0.36 ac-ft/yr (*P8 model*)

Targeted Water:

South Center Lake

Completion Date:

October 2014

May I Visit?

Yes – The rain garden is on the west side of Grand Avenue near the street. Please respect private property.

